<u>REMARKS</u>

Applicants request favorable consideration in view of the preceding amendments and the following remarks.

Claims 1, 3-9, and 19 are pending in the application. Claims 1, 8, and 9 are independent. Claims 1, 8, and 9 are amended herein to more clearly recite features of the invention. Support for these amendments can be found in the original application, as filed. No new matter has been added.

The Office Action rejects claims 1, 3-9, and 19 under 35 U.S.C. § 112, first paragraph, as failing to comply with the written description requirement. In particular, these claims were rejected because the "claimed limitation generating a second conversion condition based on white information of the first illuminating light and white information of the second illuminating light" is allegedly not taught by the application. Applicants traverse this rejection.

Applicants submit that support for this feature can be found beginning on, for example, page 19, line 10 of the original specification. In particular, that portion of the specification features converting estimated output image data X'Y'Z' into image data X"Y"Z" under the illuminating light of the desired color temperature "for example by the method of Von. Kries utilizing a color temperature conversion matrix CT corresponding to the information (for example XYZ stimulation values) relating to the arbitrary color temperature and given from the lighting characteristic coefficient instructing unit." Because the disclosed XYZ stimulation values are tristimulus values of illuminated light, Applicants submit that the XYZ stimulation values correspond to the white information of the illuminating condition. Accordingly, Applicants submit that the originally filed specification supports "generating a second conversion condition based on white information of the first illuminating light and white information of the

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second illuminating light." For the foregoing reasons, Applicants request favorable reconsideration and withdrawal of the rejection under 35 U.S.C. § 112.

The Office Action also rejected claims 8 and 9 under 35 U.S.C. § 102 as anticipated by EP Patent Publication No. 0 767 445 A2 to Hidaka et al. Applicants traverse this rejection.

As now recited in independent claim 8, an image processing apparatus for converting data dependent on a first illuminating light into data dependent on a second illuminating light includes a data storing unit, an instructing unit, a first calculating unit, a second calculating unit, and a converting unit. Among other features, the data storing unit stores a conversion condition for a light source having high color rendering properties and a conversion condition for a light source having low color rendering properties. The first calculating unit generates a first conversion condition from the stored conversion condition for the light source having high color rendering properties and from the stored conversion condition for the light source having low color rendering properties, according to data indicating a proportion of synthesis. The second calculating unit generates a second conversion condition based on white information of the second illuminating light. The converting unit converts data dependent on the first illuminating light into data dependent on the second illuminating light using the first conversion condition and the second conversion condition. The conversion condition for the light source having high color rendering properties is obtained from measurement data of plural patches under the light source having high color rendering properties and measurement data of the plural patches under a standard light source. The conversion condition for the light source having low color rendering properties is obtained from measurement data of plural patches under the light source having low color rendering properties and measurement data of the plural patches

under the standard light source.

Claim 1, directed to an image forming apparatus, and claim 9, directed to a computer-readable recording medium storing a program, generally recite features corresponding to those recited in claim 8.

Applicants submit that many features of these independent claims are not taught or suggested by Hidaka et al. Hidaka et al. relates to an image processing apparatus and method in which, according to Applicants' understanding, illumination is corrected only based on white information. Accordingly, Hidaka et al. fails to teach or suggest generation of a first conversion condition from a stored conversion condition for a light source having high color rendering properties and from a stored conversion condition for a light source having low color rendering properties, according to data indicating a proportion of synthesis, as recited in independent claims 1, 8, and 9. Favorable reconsideration and withdrawal of the rejection under 35 U.S.C. § 102 are requested.
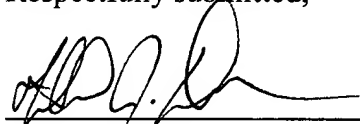
For the foregoing reasons, Applicants submit that independent claims 1, 8, and 9 are supported by the specification, as originally filed, and are patentable over Hidaka et al. Favorable reconsideration and withdrawal of the rejection to the independent claims are requested.

Claims 3-7 and 19 ultimately depend from independent claim 1 and are believed to be allowable by virtue of that dependency, and for reciting other patentable features of the invention. Favorable and independent consideration of the dependent claims are requested.

Applicants submit that this application is in condition for allowance. Favorable reconsideration and an early Notice of Allowance are requested.

Applicants' undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our below listed address.

Respectfully submitted,

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